

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(battery AND (external or source or supply or AC or adapter) AND (multiple or two or various or many or second or multitude) AND (transistor or switch or MOSFET or FET or BJT) AND (U\$1S\$1B\$2 or (universal with serial with bus) or universal\$1serial\$1bus) AND series and (configurable or body or CBC) AND (linear\$2 with regulat\$3) AND current AND voltage AND (threshold or limit or level)).clm.	US-PGPUB	OR	ON	2008/12/06 23:41
L2	7	(battery AND (external or source or supply or AC or adapter) AND (multiple or two or various or many or second or multitude) AND (transistor or switch or MOSFET or FET or BJT) AND (U\$1S\$1B\$2 or (universal with serial with bus) or universal\$1serial\$1bus) AND (configurable or body or CBC) AND current AND voltage AND (threshold or limit or level)).clm.	US-PGPUB	OR	ON	2008/12/06 23:42
L3	7	(battery AND (multiple or two or various or many or second or multitude) AND (transistor or switch or MOSFET or FET or BJT) AND (U\$1S\$1B\$2 or (universal with serial with bus) or universal\$1serial\$1bus) AND (configurable or body or CBC) AND current AND voltage AND (threshold or limit or level)).clm.	US-PGPUB	OR	ON	2008/12/06 23:42

L4	32	(battery AND (multiple or two or various or many or second or multitude) AND (transistor or switch or MOSFET or FET or BJT) AND (U\$1S\$1B\$2 or (universal with serial with bus) or universal\$1serial\$1bus) AND current AND voltage AND (threshold or limit or level)). clm.	US-PGPUB	OR	ON	2008/12/06 23:42
S1	1414	(320/110,107).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 17:54
S2	794	(320/110).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 17:56
S3	723	(320/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 17:57
S4	241	(320/163).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 17:57
S5	239	(320/164).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 18:14
S6	1	battery and charg\$3 and (source or supply) and (bi\$1directional with transistor) and ((reulat\$3 or control\$3) with transistor) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) (vari\$4 or change\$4)) and (invers\$3 with (impedance or resistance)) and voltage and charg\$3 and discharg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 18:23
S7	78	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with transistor) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 18:24

S8	30	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with transistor) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) with (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 18:58
S9	3	("4027324").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/27 18:41
S10	18	("5111374"   "5111376"   "5229650"   "5502630"   "5644483"   "5710696"   "5781422"   "5978236"   "6005362"   "6014322").PN. OR ("6160722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 18:54
S11	91	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with (transistor or switch)) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) with (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 17:06
S13	61	S11 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 11:50
S14	92	battery and ((multiple with (power near2 (source or supply))) same (selective or switchable or selectable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:53
S15	151	((multiple or two) with (power near2 (source or supply)) with AC) same (selective or switchable or selectable or select))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:54
S16	142	S15 not S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:54
S17	91	S16 and (DC or battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:54

S18	82	S17 and (transistor or switch or MOSFET or BJT or FET)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:55
S19	36	S18 and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 13:55
S20	41	S17 and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:21
S21	214	(320/111).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/28 14:21
S22	111	S21 and ((multiple or many or two or three or various) with (AC or sources or supplies or plugs))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:23
S23	74	S22 and (select or switch or choose) and battery and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:23
S24	20	("5557738"   "5563493"   "5572110"   "5583417").PN. OR ("5721481").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:31
S25	18	("5111374"   "5111376"   "5229650"   "5502630"   "5644483"   "5710696"   "5781422"   "5978236"   "6005362"   "6014322").PN. OR ("6160722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 18:20
S26	56	((("4901217") or ("5239495") or ("5313642") or ("5349282") or ("5465039") or ("5514859") or ("5625275") or ("5764028") or ("5884086") or ("5982160") or ("5986437") or ("5903137") or ("6000042") or ("6058034") or ("6114842") or ("6130813") or ("6133712") or ("6147682") or ("6169384") or ("6170062") or ("6184652") or ("6211649") or ("6222347") or ("6255800") or ("6337557") or ("6465987") or ("20010021659") or ("20010045813")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/28 18:24

S27	8	((("20020005707") or ("20020038432") or ("20020061739") or ("20020130638")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/28 18:24
S29	0	(s2ors3ors4ors5) and @pd>="20060425"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 17:59
S30	810	(320/110).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/17 17:59
S31	768	(320/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/17 17:59
S32	242	(320/163).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/17 17:59
S33	240	(320/164).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/17 17:59
S34	67	(S30 or S31 or S32 or S33) and @pd>="20060425"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:00
S35	83	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with transistor) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:00
S36	96	battery and charg\$3 and discharg\$3 and (source or supply) and (bi\$1directional with (transistor or switch)) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and ((impedance or resistance) with (vari\$4 or change\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:00
S37	100	battery and ((multiple with (power near2 (source or supply))) same (selective or switchable or selectable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:00

S38	17	(S35 or S36 or S37) and @pd> = "20060425"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/17 18:03
S39	585	battery and charg\$3 and discharg\$3 and (source or supply) and (transistor or MOSFET) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and (linear\$2 with regulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 17:34
S40	172	S39 and ("320"/\$.ccls. or "324"/\$.ccls. or "361"/\$.ccls. or "307"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:50
S41	585	battery and charg\$3 and discharg\$3 and (source or supply) and (transistor or MOSFET) and ((sens\$3 or detect\$3 or monitor\$3) with current) and ((threshold or limit) with current) and (linear\$2 with regulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:50
S42	172	S41 and ("320"/\$.ccls. or "324"/\$.ccls. or "361"/\$.ccls. or "307"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:50
S43	104	S42 and (linear with regulat\$3) and battery with charg\$3 and battery with discharg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:53
S44	39	(US-20040135544-\$ or US-20010054887-\$ or US-20040095020-\$ or US-20030094968-\$ or US-20030090237-\$ or US-20030057920-\$ or US-20020001745-\$ or US-20010048288-\$).did. or (US-5896025-\$ or US-6133712-\$ or US-5229650-\$ or US-5978236-\$ or US-6605879-\$ or US-6894457-\$ or US-6545481-\$ or US-6724588-\$ or US-6452362-\$ or US-6021332-\$ or US-5721481-\$ or US-5621299-\$ or US-5818203-\$ or US-6170062-\$ or US-5986437-\$ or US-5739596-\$ or US-5903137-\$ or US-6801019-\$ or US-4210826-\$ or US-6160722-\$ or US-5671128-\$ or US-4027324-\$ or US-7009363-\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 21:55

		or US-6835491-\$ or US-6489750-\$ or US-6246214-\$).did. or (US-6040684-\$ or US-6037750-\$ or US-5982148-\$ or US-5952815-\$).did. or (US-3821483-\$).did.				
S45	11	S44 and ((linear with regulat\$3) and battery and charg\$3 and discharg\$3 and (MOSFET or FET) and (current with (sens\$3 or detect\$3 or monitor\$3 or regulat\$3)) and (current with (threshold or limit\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 22:26
S46	5	((MOSFET or FET) with configurable with body with contact) or ((MOSFET or FET) with (multi\$gate\$1 or ((configurable or changeable) with body))) and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/10 16:28
S47	2	((MOSFET or FET or transistor) with (configurable or changeable or interchangeable or controllable) with body) and (comparator with (MOSFET or FET or transistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/10 16:31
S48	77	((MOSFET or FET or transistor) with (configurable or changeable or interchangeable or controllable) with (body or source) with (contact or terminal)) and (comparator with (MOSFET or FET or transistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/10 16:35
S49	6	((MOSFET or FET or transistor) with (configurable or changeable or interchangeable or controllable) with (body or source) with (contact or terminal)) and (comparator with (MOSFET or FET or transistor) same polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/10 16:33
S50	2	("6677645").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/10 16:35

S51	29	("4577390"   "4965213"   "5079605"   "5089870"   "5126817"   "5145802"   "5160989"   "5185280"   "5298773"   "5317181"   "5324683"   "5424225"   "5489792"   "5559368"   "5811855"   "5818085"   "5821575"   "5831320"   "5872383"   "5929490"   "5930605"   "5962895"   "5973364"   "5982003"   "6084255"   "6261921"   "6281593"   "6344671").PN. OR ("6677645").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/10 16:46
S52	2	comparator with body with MOSFET with (chang\$5 or alter\$4 or switch\$4 or flip\$4 or configur\$ or interchang\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/10 16:49
S53	57	comparator with body with (MOSFET or FET or transistor) with (chang\$5 or alter\$4 or switch\$4 or flip\$4 or configur\$ or interchang\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/10 16:50
S54	6	("20020021164"   "4529897"   "5512814"   "6100719"   "6421262"   "6580258").PN. OR ("6859089").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/10 16:58
S55	42	(US-20040135544-\$ or US-20010054887-\$ or US-20040095020-\$ or US-20030094968-\$ or US-20030090237-\$ or US-20030057920-\$ or US-20020001745-\$ or US-20010048288-\$ or US-20060208787-\$ or US-20020021164-\$).did. or (US-5896025-\$ or US-6133712-\$ or US-5229650-\$ or US-5978236-\$ or US-6605879-\$ or US-6894457-\$ or US-6545481-\$ or US-6724588-\$ or US-6452362-\$ or US-6021332-\$ or US-5721481-\$ or US-5621299-\$ or US-5818203-\$ or US-6170062-\$ or US-5986437-\$ or US-5739596-\$ or US-5903137-\$ or US-6801019-\$ or US-4210826-\$ or US-6160722-\$ or US-5671128-\$ or US-4027324-\$ or US-7009363-\$	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 18:19



		or US-6835491-\$ or US-6489750-\$ or US-6246214-\$).did. or (US-6040684-\$ or US-6037750-\$ or US-5982148-\$ or US-5952815-\$ or US-6677645-\$).did. or (US-3821483-\$).did.				
S56	25	S55 and (current with (threshold or reference))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 18:20
S57	9	S56 and ((threshold or reference) with (multiple or various or selectable or alternat\$3 or two or multitude or many or different))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 18:21
S58	9703	(current with compar\$3 with ((reference or threshold) near4 (multiple or two or values)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 18:46
S59	92	(current with compar\$3 with ((reference or threshold) near4 multiple))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 18:46
S60	9	S59 and ("320"/\$.ccls. or "324"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 18:47
S61	21	S59 and (current with multiple with reference with generat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:00
S62	20	S61 not S60	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:00
S63	11	S59 and (current with multiple with reference with (select\$4 or choos\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:06
S64	304	S58 with (reference near4 current near4 generat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:16
S65	912	S58 and (reference near4 current near4 generat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:17
S66	92	S58 and ((reference near4 current near4 generat\$3) with (select\$4 or choos\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:17
S67	5	S66 and ("320"/\$.ccls. or "324"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:18
S68	7345	((multiple or selectable) with (power near4 (source or supply))) and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:29
S69	7062	((multiple or selectable) with (power near2 (source or supply))) and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:29

S70	2522	S69 and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:30
S71	1155	S70 and ((transistor or MOSFET or FET) with diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:30
S72	10	"L200" and (charg\$3 with battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:31
S73	3900	((multiple or selectable) with (power near2 (source or supply))) and ((transistor or MOSFET or FET or switch) with diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:31
S74	789	S73 and (charg\$3 with battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:32
S75	602	S74 and ((control\$3 or regulat\$4) with (transistor or switch or MOSFET or FET)) same (mode or current or threshold or limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:33
S76	501	S74 and ((isolat\$3 or disconnect\$3 or off) with (power with (source or supply)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:34
S77	392	S75 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:35
S78	65	S77 and ("320"/\$.ccls. or "324"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 21:35
S79	100	S77 and ("323"/\$.ccls. or "363"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 22:01
S80	94	S79 not S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/21 22:02

S81	45	(US-20040135544-\$ or US-20010054887-\$ or US-20040095020-\$ or US-20030094968-\$ or US-20030090237-\$ or US-20030057920-\$ or US-20020001745-\$ or US-20010048288-\$ or US-20060208787-\$ or US-20020021164-\$).did. or (US-5896025-\$ or US-6133712-\$ or US-5229650-\$ or US-5978236-\$ or US-6605879-\$ or US-6894457-\$ or US-6545481-\$ or US-6724588-\$ or US-6452362-\$ or US-6021332-\$ or US-5721481-\$ or US-5621299-\$ or US-5818203-\$ or US-6170062-\$ or US-5986437-\$ or US-5739596-\$ or US-5903137-\$ or US-6801019-\$ or US-4210826-\$ or US-6160722-\$ or US-5671128-\$ or US-4027324-\$ or US-7009363-\$ or US-6835491-\$ or US-6489750-\$ or US-6246214-\$).did. or (US-6040684-\$ or US-6037750-\$ or US-5982148-\$ or US-5952815-\$ or US-6677645-\$ or US-6833724-\$ or US-6452414-\$ or US-5786682-\$).did. or (US-3821483-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 11:51
S82	0	S81 and ((pull\$1up with resistor) and (pull\$1down with resistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 11:51
S83	168	((pull\$1up with resistor) and (pull\$1down with resistor)) and ((p\$1type or p\$1channel) with transistor) same reference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 11:53
S84	82	S83 and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 11:53
S85	270	((pull\$1up with resistor) and (pull\$1down with transistor)) same reference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 12:01
S86	123	S85 and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 12:01

S87	114	S86 and (reference with (potential or value or voltage or signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 12:01
S88	71	S87 and (select\$3 or activat\$3 or choos\$3) with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 12:02
S89	95	S87 and (select\$3 or activat\$3 or choos\$3 or turn) with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 12:02
S90	3	S89 and ("320"/\$.ccls. or "324"/\$.ccls. or "323"/\$.ccls. or "363"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 12:02
S91	17	S84 and ((pull\$1up near3 resistor) and (pull\$1down near3 transistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/22 12:17
S92	0	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (individual or single or one) AND (SOC or state\$1of \$1charge or capacity) AND (impedance or resistance) AND current AND voltage AND (inductor or transformer) AND (switch or transistor or MOSFET or FET) AND (pulse with generator) AND (enable or control or turn) AND balanc\$3).clm.	US-PGPUB	OR	ON	2008/01/22 14:24
S93	0	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (individual or single or one) AND (SOC or state\$1of \$1charge or capacity) AND (impedance or resistance) AND current AND voltage AND (inductor or transformer) AND (switch or transistor or MOSFET or FET) AND (pulse with generator) AND balanc\$3).clm.	US-PGPUB	OR	ON	2008/01/22 14:24

S94	0	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (individual or single or one) AND (SOC or state\$1of \$1charge or capacity) AND (impedance or resistance) AND current AND voltage AND (inductor or transformer) AND (pulse with generator) AND balanc \$3).clm.	US-PGPUB	OR	ON	2008/01/22 14:24
S95	0	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (SOC or state\$1of \$1charge or capacity) AND (impedance or resistance) AND current AND voltage AND (inductor or transformer) AND (pulse with generator) AND balanc \$3).clm.	US-PGPUB	OR	ON	2008/01/22 14:25
S96	1	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (SOC or state\$1of \$1charge or capacity) AND (impedance or resistance) AND current AND voltage AND (inductor or transformer) AND (pulse with generator)).clm.	US-PGPUB	OR	ON	2008/01/22 14:25
S97	1	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (SOC or state\$1of \$1charge or capacity) AND (impedance or resistance) AND current AND voltage AND (inductor or transformer) AND ((pulse with generator) or PWM or pulse\$1width\$1modulator)).clm.	US-PGPUB	OR	ON	2008/01/22 14:27

S99	5	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (SOC or state\$1of \$1charge or capacity) AND (inductor or transformer) AND ((pulse with generator) or PWM or pulse\$1width \$1modulator)).clm.	US-PGPUB	OR	ON	2008/01/22 14:27
S100	5	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (SOC or state\$1of \$1charge or capacity) AND (inductor or transformer) AND ((pulse with generator) or PWM or pulse\$1width \$1modulator)).clm.	US-PGPUB	OR	ON	2008/01/22 14:30
S101	29	((battery or (storage with (unit or electrical or string)) or accumulator) AND (converter or DC\$4DC or buck or boost or fly\$1back) AND (SOC or state\$1of \$1charge or capacity) AND (inductor or transformer)).clm.	US-PGPUB	OR	ON	2008/01/22 14:30
S102	48	(US-20040135544-\$ or US-20010054887-\$ or US-20040095020-\$ or US-20030094968-\$ or US-20030090237-\$ or US-20030057920-\$ or US-20020001745-\$ or US-20010048288-\$ or US-20060208787-\$ or US-20020021164-\$ or US-20010028606-\$).did. or (US-5896025-\$ or US-6133712-\$ or US-5229650-\$ or US-5978236-\$ or US-6605879-\$ or US-6894457-\$ or US-6545481-\$ or US-6724588-\$ or US-6452362-\$ or US-6021332-\$ or US-5721481-\$ or US-5621299-\$ or US-5818203-\$ or US-6170062-\$ or US-5986437-\$ or US-5739596-\$ or US-5903137-\$ or US-6801019-\$ or US-4210826-\$ or US-6160722-\$ or US-5671128-\$ or US-	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/20 19:45

		4027324-\$ or US-7009363-\$ or US-6835491-\$ or US-6489750-\$ or US-6246214-\$).did. or (US-6040684-\$ or US-6037750-\$ or US-5982148-\$ or US-5952815-\$ or US-6677645-\$ or US-6833724-\$ or US-6452414-\$ or US-5786682-\$ or US-6418075-\$ or US-5729120-\$).did. or (US-3821483-\$).did.				
S103	0	S102 and ((configur\$4 with body) same (transistor or switch or MOSFET or FET))	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/20 19:46
S104	11	S102 and (configur\$4 same (transistor or switch or MOSFET or FET))	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/20 19:47
S105	4	S104 and body	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/20 19:47
S106	2	("5739596").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/20 19:55
S107	20	charg\$3 and discharg\$3 and battery and ((configur\$4 with body with contact) same (transistor or switch or MOSFET OR FET))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 21:52
S108	1202	charg\$3 and discharg\$3 and battery and ((body with contact) same (transistor or switch or MOSFET OR FET))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 21:54
S109	0	S108 and S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 21:54
S110	94	S108 and ("320"/\$.ccls. or "324"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 21:55
S111	53	S110 and ((compar\$3 or determin\$3 or linear\$2 or select\$4 or feedback) same body)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 21:57
S112	41	S110 not S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 22:06
S113	3	("7015547").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/20 22:07

S114	38	("20010022521"   "20020047727"   "20020081808"   "20020084803"   "20020093053"   "20020105039"   "20020140039"   "20020153587"   "20020180486"   "20020187610"   "20030058001"   "20030089930"   "3755012"   "4300064"   "4468574"   "5273921"   "5349228"   "5436506"   "5677550"   "5773331"   "6064589"   "6072354"   "6097221"   "6104068"   "6188243"   "6248626"   "6365465"   "6376317"   "6404237"   "6420905"   "6433609"   "6472258"   "6483156"   "6506638"   "6518127"   "6580137").PN. OR ("7015547").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/20 22:07
S115	10	charg\$3 and discharg\$3 and battery and ((configur\$4 with body with gate) same (transistor or switch or MOSFET OR FET))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 22:10
S116	468	((configur\$4 with body with (gate or contact)) same (transistor or switch or MOSFET OR FET))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 22:14
S117	1915	((((configur\$4 or adjust\$4) with body with (gate or contact)) same (transistor or switch or MOSFET OR FET))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 22:15
S118	429	S117 and drain and source and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 22:16
S119	59	S118 and voltage and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/20 22:18
S120	7331	(US\$1S\$1B\$2 or universal near serial near bus or universal\$1serial\$1bus) same (limit\$5 or threshold or cut\$1off) with (current or power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 18:02



S121	1400	(US\$1S\$1B\$2 or (universal near serial near bus) or universal\$1serial\$1bus) same (limit\$5 or threshold or cut\$1off) with (current or power) and battery and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 18:03
S122	245	S121 and ("320"/\$.ccls. or "324"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 18:04
S123	188	S122 and (transistor or switch or FET or MOSFET or BJT) and voltage and current and control\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 18:05

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